**Unmanned spacecraft mission around moon**

442. DR. VIJAY MALLYA:
SHRI LALIT SURI:
SHRI EKANATH K. THAKUR.

Will the PRIME MINISTER be pleased to state:

(a) whether there is a proposal to send an unmanned spacecraft to survey the moon by 2007;

(b) whether requisite preparations for the proposed venture have been taken on hand and what is the present stage of such preparations;

(c) whether any foreign collaboration is contemplated for the purpose and the details thereof; and

(d) what are the financial implications of the proposal and the details thereof?

THE MINISTER OF STATE IN THE PRIME MINISTER'S OFFICE (SHRI PRITHVIRAJ CHAVAN): (a) Yes, sir. It is planned to launch an unmanned spacecraft - Chandrayaan-1 to orbit around the Moon in the year 2007-2008, with the objective of carrying out high resolution imaging of lunar terrain and to carry out observations of the distribution of various chemicals and mineralogical constituents over its surface.

(b) Yes, Sir. The preparations are progressing as per approved project. The Base Line Design has been completed and Deep Space Network Station location has been identified.

(c) No, Sir.

(d) The estimated cost of the Chandrayaan-1 mission is Rs. 386 crores including the setting up a Deep Space Network Station required for Tracking, telecommand and data communication.

**Areial surveys conducted by Space Department**

443. SHRI SANJAY RAUT: Will the PRIME MINISTER be pleased to state:

(a) whether any specific aerial surveys have been conducted by the Space Department or any other agency, recently in the various parts of the Maharashtra;

(b) if so, the details of the surveys; and

(c) the significant development inputs found by Space Department for various sectors?

THE MINISTER OF STATE IN THE PRIME MINISTER'S OFFICE (SHRI PRITHVIRAJ CHAVAN) (a) to (c) Yes, Sir. Recently, in April 2004, black and white stereo aerial photography survey on 1:6000 scale has been carried out over Mumbai and surrounding areas. These photographs are to be used to prepare 1:1000 scale map databases that will be useful for urban applications - municipal administration, utility 1 management, police department, city planning etc. The above maps would be useful for the state Planning and Urban Development Departments, apart from the municipal/metro agencies of Mumbai and other related agencies in the State of Maharashtra.

**Deadline for completion of project**

†444. SHRI RAVI SHANKAR PRASAD:
DR. MURLI MANOHAR JOSHI:

Will the Minister of STATISTICS AND PROGRAMME IMPLEMENTATION be pleased to state:

(a) whether it is a fact that certain projects in the country costing more than 100 crore rupees are under construction in the country for which no deadline of completion has yet been fixed;

(b) if so, the details thereof and the names of the Departments or Ministries these projects belong to; and

(c) the amount spent on these upto December, 2004 and the estimated amount required for their completion?

THE MINISTER OF STATE OF THE MINISTRY OF STATISTICS AND PROGRAMME IMPLEMENTATION (SHRI OSCAR FERNANDES): (a) Yes, Sir.

(b) There are 87 projects, without definite date of commissioning. These include 80 projects belonging to Railways and 7 projects belonging to Telecom Sector.

(c) The amount spent on these projects sector-wise is given in the

† Original notice of the question was received in Hindi.